

## CLAIMS:

Claim number 1: (mike 8001 & 8001-1 induction motor design FIG.4)

What I claim as my invention is the idea to put part of the dome of a hermetic (or semi hermetic) refrigeration (or a/c) system between the motor stator electrical winding and motor rotor to isolate these two in different medium to solve the heating problem.

Claim number 2: (mike 8002 stator design)

What I claim as my invention is the idea to cut the stator poles of mike 8001(or 8001-1) induction motor design in a way shown in FIG.7 (mike 8002 stator design), so the stator electrical winding and most part of stator pole with stator body can be detached from the rest part of motor and replaced easily.